

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: USEP04

Lab Code: CHEM Case No.: P4022 SAS No.: P4022 SDG No.: P4022

Instrument ID: BNA_P Calibration Date/Time: 10/01/2024 19:55

Lab File ID: BP022142.D Init. Calib. Date(s): 09/24/2024 09/24/2024

EPA Sample No.: SSTD020780 Init. Calib. Time(s): 10:53 14:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.511	0.436	0.010	-14.5	25.0
Pyridine-d5	1.460	1.291	0.010	-11.6	40.0
Phenol-d5	1.636	1.643	0.010	0.5	25.0
Bis-(2-Chloroethyl) ether-d8	1.007	0.942	0.050	-6.5	25.0
2-Chlorophenol-d4	1.184	1.248	0.200	5.4	20.0
4-Methylphenol-d8	1.296	1.301	0.010	0.3	20.0
Nitrobenzene-d5	0.150	0.154	0.050	2.9	20.0
2-Nitrophenol-d4	0.170	0.185	0.050	9.0	30.0
2,4-Dichlorophenol-d3	0.369	0.389	0.060	5.6	20.0
4-Chloroaniline-d4	0.440	0.428	0.010	-2.7	40.0
Dimethylphthalate-d6	1.546	1.485	0.300	-3.9	20.0
Acenaphthylene-d8	1.637	1.673	0.400	2.2	20.0
4-Nitrophenol-d4	0.264	0.259	0.010	-2.2	40.0
Fluorene-d10	1.368	1.344	0.100	-1.7	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.122	0.010	-1.9	40.0
Anthracene-d10	0.934	0.943	0.300	1.0	20.0
Pyrene-d10	1.036	1.069	0.300	3.1	25.0
Benzo(a)pyrene-d12	1.052	1.049	0.010	-0.3	20.0

All other compounds must meet a minimum RRF of 0.010.